



BROWNFIELDS REDEVELOPMENT FOR A CLEANER GREENER GARY



Indiana Brownfields Conference 2006

A Short History



Indiana Shoreline Before Development

“Where the Furnaces Now Stand”

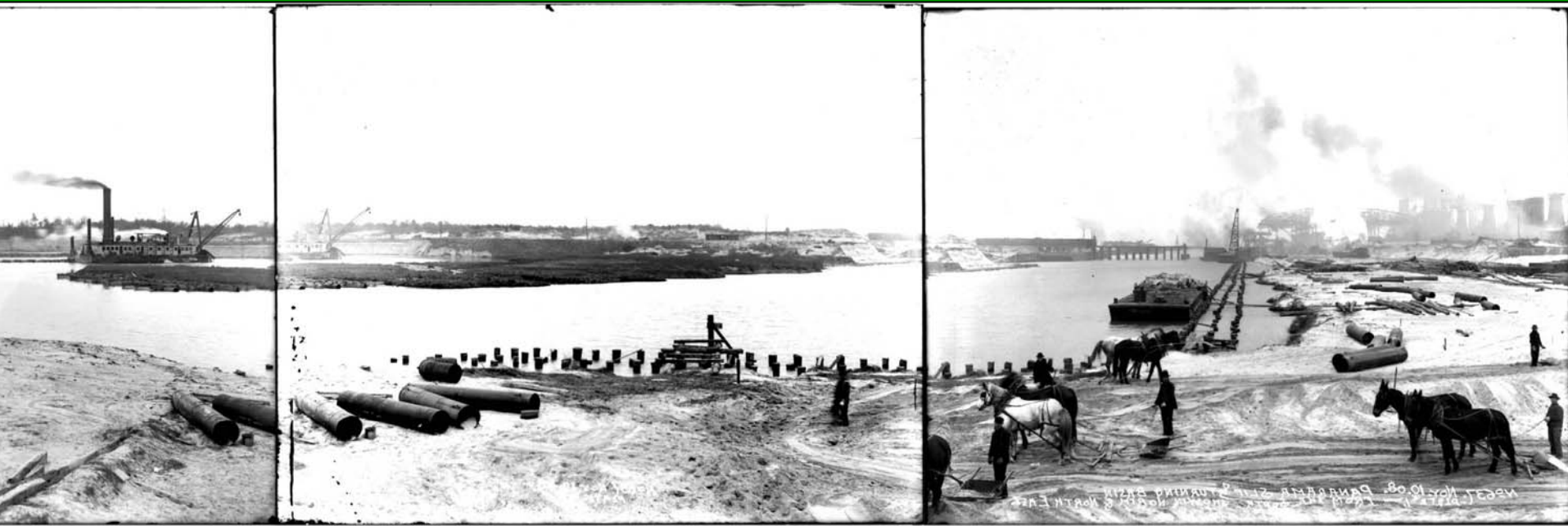
**Future Site of U.S. Steel and the
City of Gary**

**Water
Rail
Undeveloped Land
Close to Chicago**



U.S. Steel Rises From the Sand Dunes

Sand Dunes Mined
Wetlands Filled
Harbor Dredged
Grand Calumet River Moved and Channeled



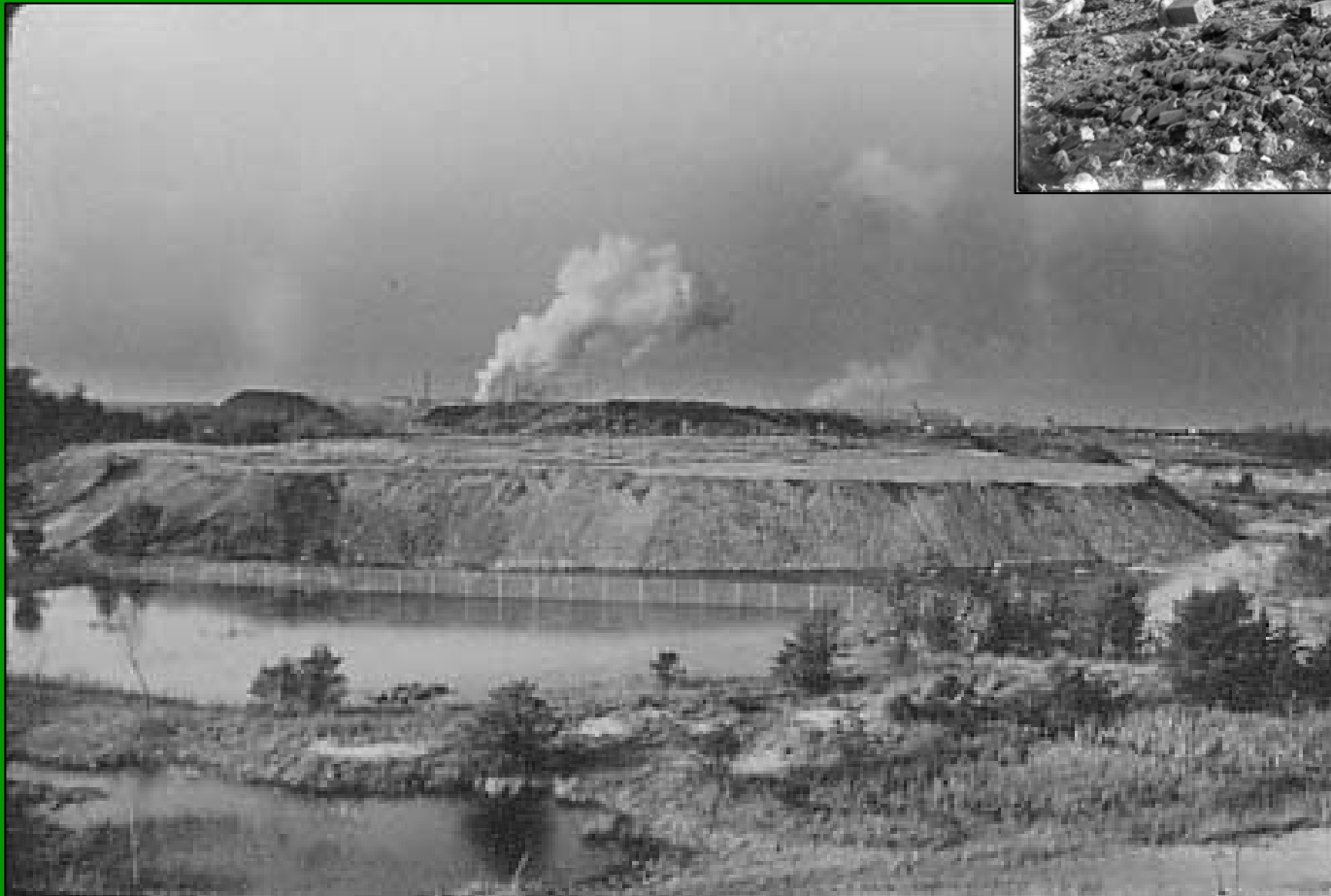
Natural Resources are Harnessed to Serve Industry and Social Progress

U.S. Steel Collection and Early Gary Photos
Courtesy of the Calumet Regional Archives

Mining the Sand Dunes



Lake and Pond Fill



**Industrial Wastes
used as Fill
and to create
“New Land”**

“Smoke and Blood is the Mix of Steel”

...Carl Sandburg



Steel to Win Wars and Build a Nation

Gary, Indiana - City of the Century



The Lake, the Mill, and the City

Dune and Swale - Then and Now



**Gary Chicago Airport 1938
And 1998**



Clark & Pine Dune/Swale Nature Preserve



100 Years of Industrial Impacts Exacted a Heavy Toll on Gary's Air, Land, and Water Resources

Non-Attainment

Contaminated River Sediments

4 Superfund Sites

Numerous Brownfields & Illegal Dump
Sites



A New Beginning

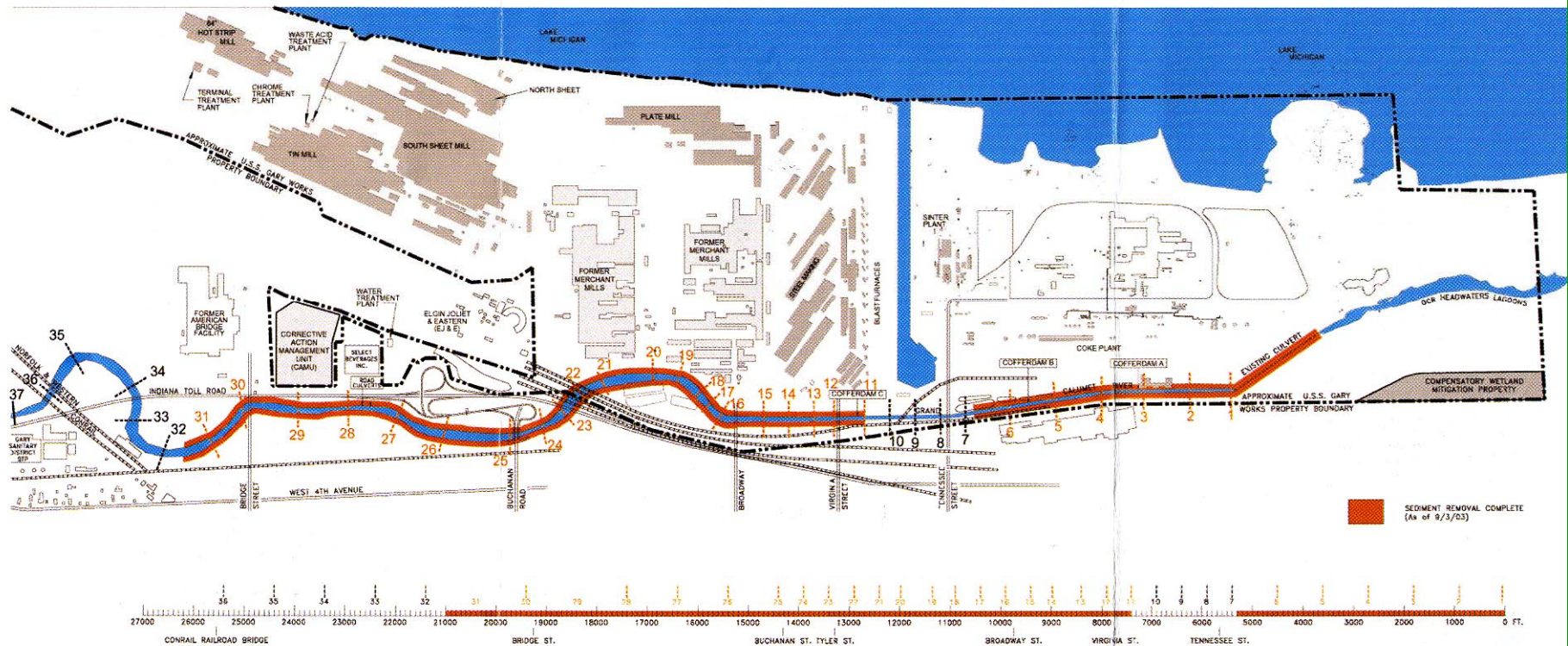


Today the City of Gary and it's public and private partners are planning and implementing projects for a future in which the protection and reclamation of our natural infrastructure, our land and water resources, is recognized as the foundation for the redevelopment and revitalization of Gary and the region

Millions of Dollars Are Being Spent by Government and Industry to Clean Up Historic Pollution



GRAND CALUMET RIVER DREDGING PLAN



**As a result of a multi-million dollar dredging project the
Grand Calumet River in Gary is ready for habitat
restoration and public access**



Gary is seeking to re-connect with its lakefront and revitalize the downtown area through numerous Brownfields Redevelopment Projects



Gary's Brownfields Redevelopment Program

- Work with Private and Public Partners
- Seek State and Federal Grant Support
- Coordinate with and support City Development Projects
- Focus on public outreach and involvement
- Create Jobs, renew neighborhoods, revitalize economic base, and enhance Quality of Life
- Connect Green Space and Brownfields Project planning and funding

Downtown Stadium District Redevelopment required UST Removal and Cleanup



**Construction of
Baseball Stadium
Brought in
Bennigan's and
Kenny's Ribs**



Closed Industrial Facilities

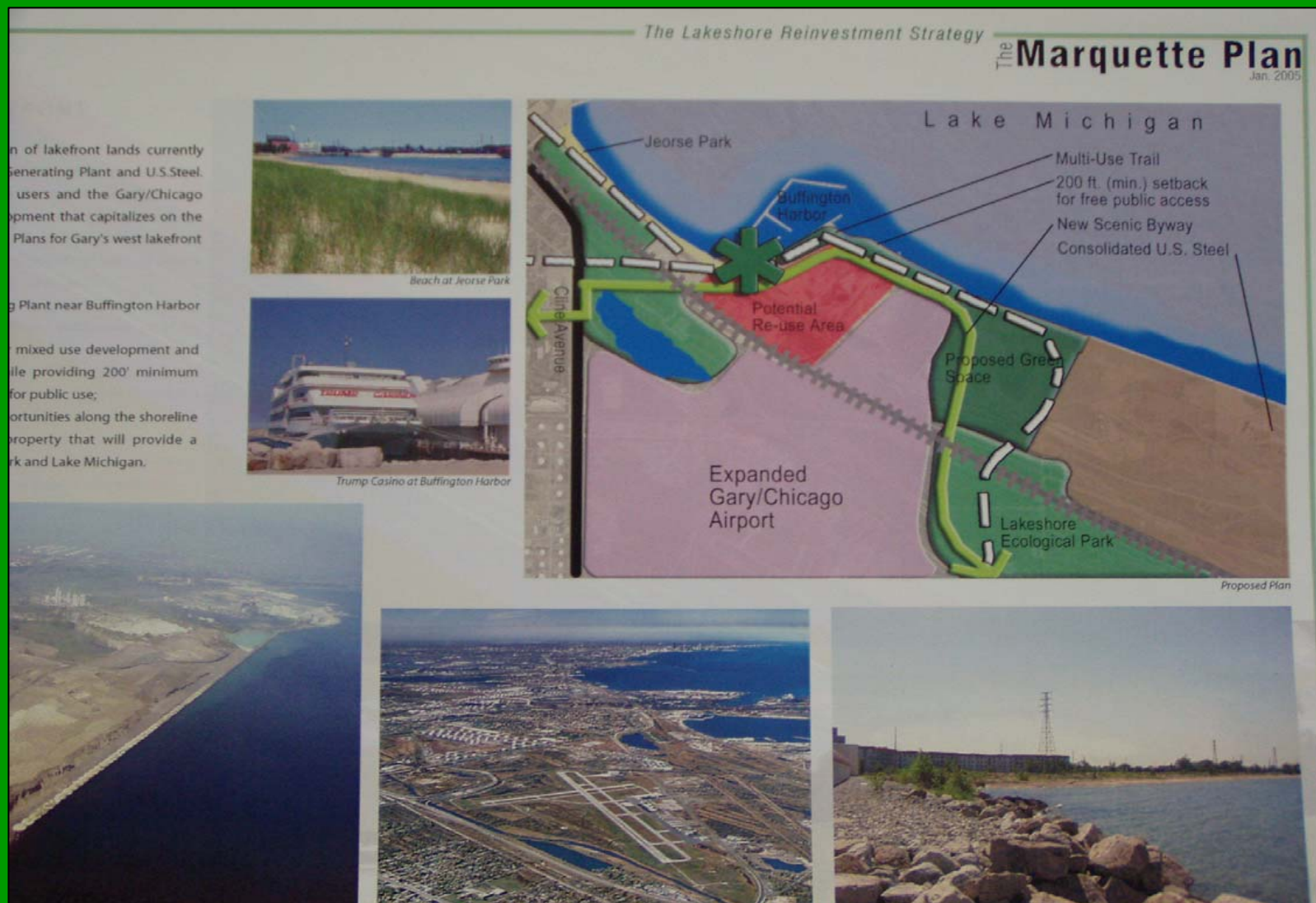
Opportunities exist for the reclamation and reuse of closed and underutilized industrial properties on Gary's Lakeshore



Casino Development On Gary's Lakefront anchors redevelopment plans



The Marquette Plan



Lake Michigan Coastal Program Grant Funded/5 City Consortium

Lakefront Redevelopment Potential

GARY AND EAST CHICAGO LAKE FRONT DEVELOPMENT



Legend

- Boundary
- eop_airport
- East_Chicago_City_Limits

The City of Gary, Gary Sanitary District, Gary Storm Water Management District or their representative do not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any loss or injury resulting from reliance upon the information shown.

0 1,000 2,000 4,000 Feet



GARY AND EAST CHICAGO LAKE FRONT DEVELOPMENT
PREPARED BY: MARTIN J. BROWN
DATE: MARCH 07, 2006
SCALE: 1" = 2000'
ORTHO PHOTOGRAPHY CIRCA SUMMER 2003



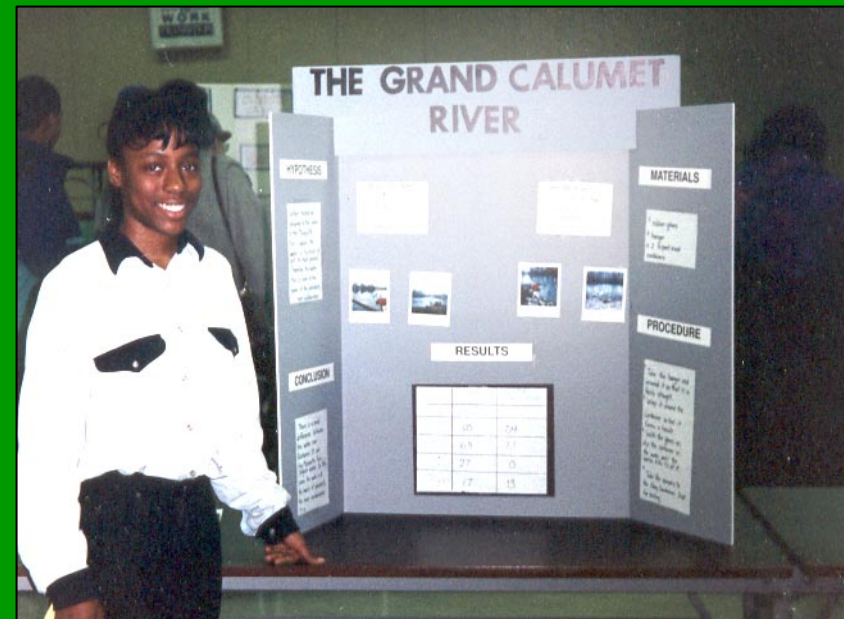
Gary Chicago Airport and the Airport Development Zone



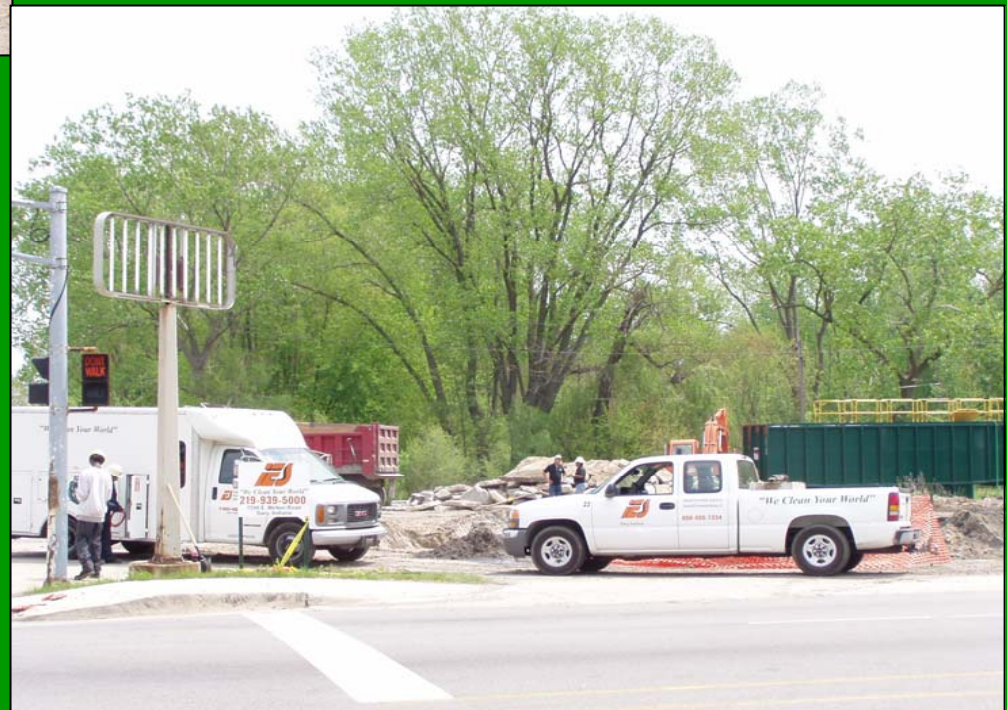
State and Federal Brownfields Assessment Funding

PUBLIC INVOLVEMENT

There is a role for all Stakeholders to play in the cleanup of Brownfields, the restoration and preservation of our natural resources, and the protection of public health and environment



Gas Station Cleanup and Public Involvement



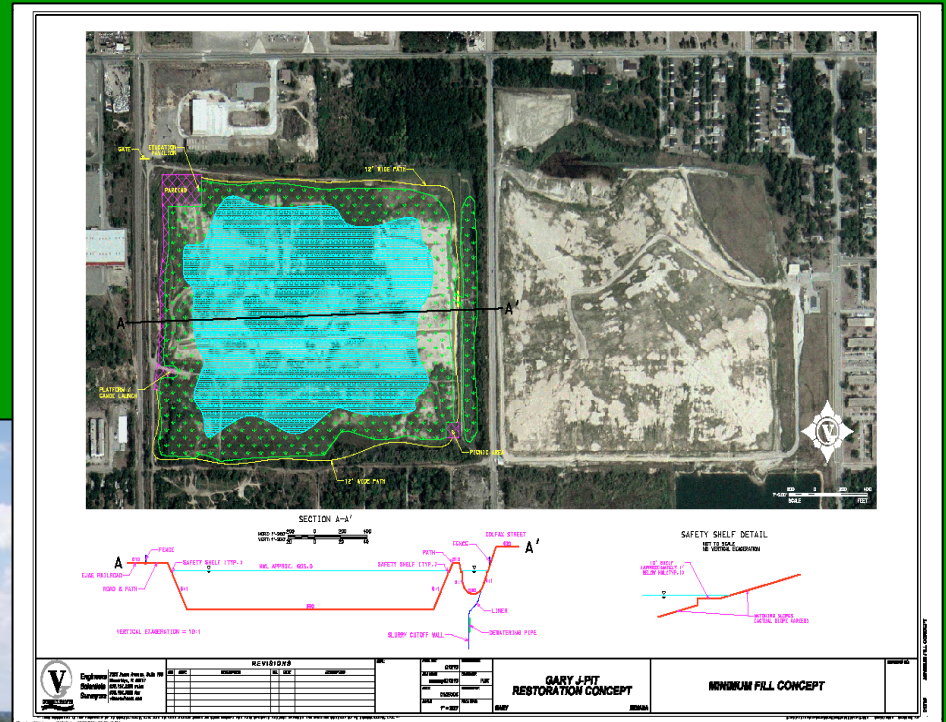
EPA Brownfields Cleanup Grant Funded

City of Gary/Ivy Tech /Empowerment Zone Brownfields Job Training Program provided employment opportunities



EPA BROWNFIELDS JOB TRAINING GRANT

The J-Pit – 100 Acre Former Sand Mine and EPA Brownfields Pilot Site



Natural Area Restoration Concept

Locked Forever? Let's Take Another Look



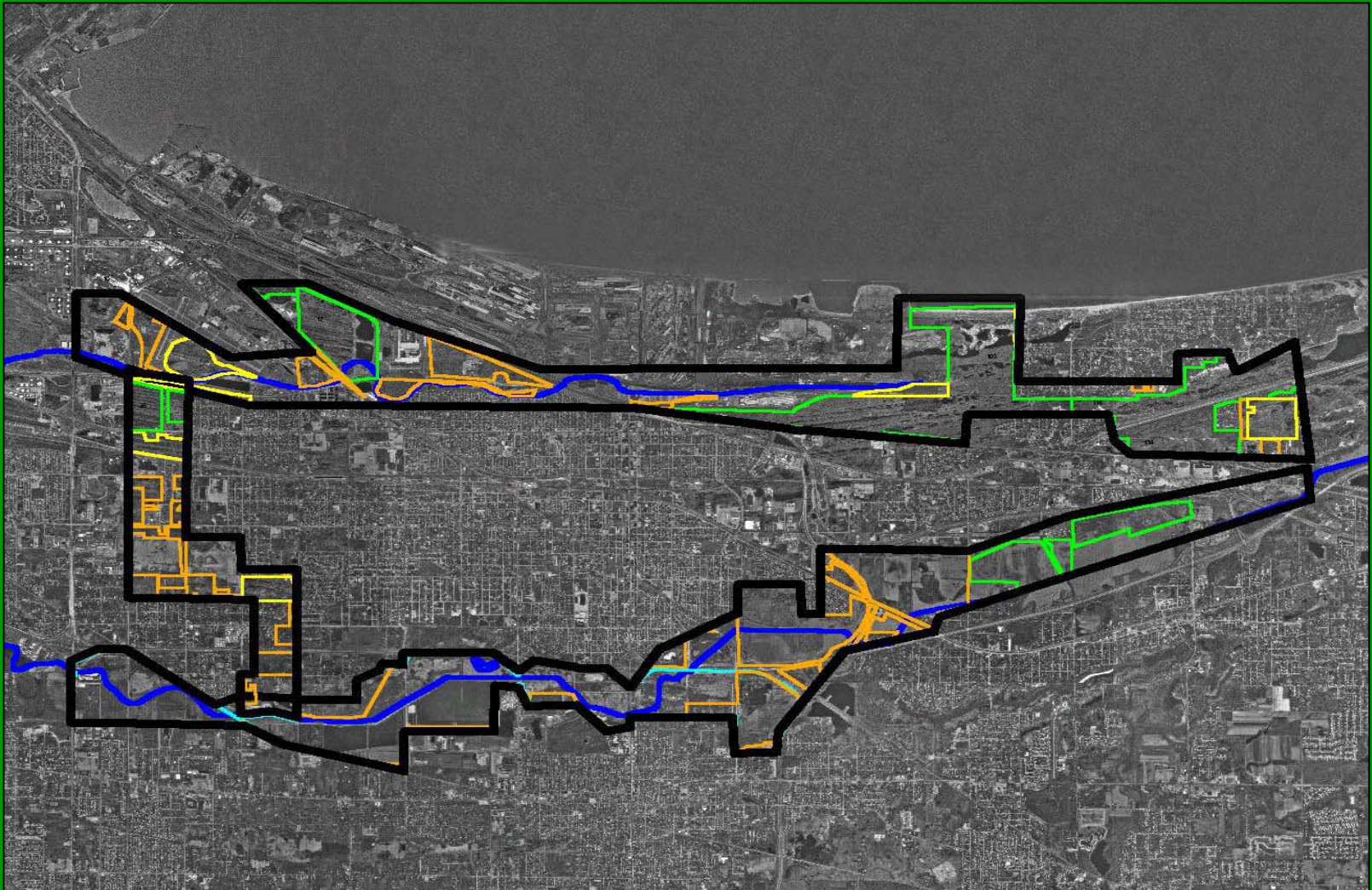
EPA Superfund Redevelopment Technical Assistance Grant

The Route 912 Industrial Park incorporates Brownfields, Wetlands and Superfund Sites in the Conceptual Plan



EPA Assessment Grant Funding

GARY GREEN LINK



“Connecting people and the environment”

Water Recreation on the Grand Calumet and Little Calumet Rivers



Public Access Beaches



Multi-Use Trails

EPA Brownfields Cleanup Revolving Loan Fund

- Partnering with the Gary, East Chicago & Hammond Empowerment Zone ,the City of Gary is offering Brownfields Cleanup Loans and Grants to eligible Gary businesses and Not-for-Profits through a one million dollar EPA Grant award

SMART GROWTH & BROWNFIELDS REDEVELOPMENT

**Gary Plans to Incorporate Smart Growth
Principals in a Comprehensive Community
Planning and Re-Visioning Initiative that will
address Brownfields Redevelopment, Natural
Resource Protection and Restoration, Green
Infrastructure, and Pollution Prevention
through, among other things, revision of City
Codes and Ordinances**

A photograph of a sunset over a body of water. The sky is a gradient of orange and red. In the background, a city skyline with several tall smokestacks is visible. The water is calm with some small waves. In the foreground, there are dark, silhouetted dunes with tall grasses. The text "The Beginning Not The End!" is overlaid in yellow at the bottom.

The Beginning Not The End!



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